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U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 3800066.00086/205E

November 21, 2003

Application No. 10/717,500

Applicant

Filing Date

Chappell et al.

Group Art Unit 1638

List of Patents and Publications for Applicant's Information Disclosure Statement

(37 CFR §1.98	5(0))		U.S. Patent	Documents			
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2003/0166255	09/04/03	Chappell	435	252.3	03/08/02
	AB	2006/0218661	09/28/06	Chappell et al.	800	278	07/26/04
	AC	2007/0089198	04/19/07	Chappell et al.	800	280	12/14/06
	AD	2007/0231861	10/04/07	Millis et al.	435	69.1	05/24/07
	AE	2007/0238157	10/11/07	Millis et al.	435	166	05/24/07
	AF	2007/0238159	10/11/07	Millis et al.	435	252.33	05/24/07
	AG	2007/0238160	10/11/07	Millis et al.	435	252.33	05/24/07
	AH	2008/0171378	07/17/08	Keasling	435	254.21	07/21/05
	AI	2008/0178354	07/24/08	Chappell et al.	800	298	10/31/07
	AJ	2010/0035329	02/11/10	Millis et al.	435	254.2	07/27/09
	AK	2010/0120110	05/13/10	Chappell	435	166	07/29/08
	AL	2010/0129306	05/27/10	Julien et al.	424	65	10/14/09
	AM	2010/0151519	06/17/10	Julien et al.	435	69.1	08/12/09
	AN	2010/0151555	06/17/10	Julien et al.	435	193	08/12/09
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	AP	5,589,619	12/31/96	Chappell et al.	800	205	12/08/94
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	AS	5,871,988	02/16/99	Croteau et al.	435	183	04/29/97
	AT	5,981,843	11/09/99	Chappell et al.	800	301	05/18/95
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	AV	6,100,451	08/08/00	Chappell et al.	800	298	12/22/95
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	BD	7,186,891	03/06/07	Chappell et al.	800	298	02/28/00

**Examiner Signature** 

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office				Attorney's Docket No. 3800066.00086/2	.05E	Application No 10/717,500	
l ist of P	atents an	d Publications for	Applicant's	Applicant Chappell et al.			
		n Disclosure State		Filing Date November 21, 2003		Group Art Unit 1638	
(37 CFR §1.98	3(b))						
			U.S. Patent	Documents			
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BE	7,405,057	07/29/08	Chappell et al.	435	69.1	03/08/02
	BF	7,442,785	10/28/08	Chappell et al.	536	23.6	07/26/04

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Initial	ID ID			Patent Office	Yes	No
	BG	0 768 381	04/16/97	EP		
	ВН	WO 96/36697	11/21/96	WIPO		
	BI	WO 97/38571	10/23/97	WIPO		
	BJ	WO 97/38703	10/23/97	WIPO		
	BK	WO 00/017327	. 03/30/00	WIPO		
	BL	WO 2002/072758	09/19/02	WIPO		
	BM	WO 2004/031376	04/15/04	WIPO		
-	BN	WO 2006/079020	07/27/06	WIPO		
	ВО	WC 2010/019696	02/18/10	WIPO		

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
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	BP	An et al., "Functional analysis of the 3' control region of the potato wound-inducible proteinase inhibitor II gene," Plant Cell 1:115-122 (1989).
	BQ	An et al., "Organ-specific and developmental regulation of the nopaline synthase promoter in transgenic tobacco plants," Plant Physiol. 88:547-552 (1988).
	BR	Anderson et al., "Farnesyl diphosphate synthetase - molecular cloning sequence, and expression of an essential gene from <i>Saccharomyces cerevisiae</i> ," J. Biol. Chem. 264(32):19176-19184 (1989).
	BS	ATCC Accession No. CCL 61 <sup>TM</sup> , derived from CHO-K1 cell line, Depositor: Puck, T., Isolation date: 1957, Retrieved from the Internet: <url: (accessed="" 10;="" 4="" 452="" 7="" atcc.org="" atccadvancedcatalogsearch="" default.aspx,="" pages).<="" productdetails="" tabid="" td=""></url:>
	вт	ATCC Accession No. CRL 1650™, derived from CV-1 cell line, Cell type: SV40 transformed, Depositor: Gluzman, Y., Retrieved from the Internet: <url: (accessed="" 10;="" 3="" 4="" 452="" 7="" atcc.org="" atccadvancedcatalogsearch="" default.aspx,="" pages).<="" productdetails="" tabid="" td=""></url:>
	BU	Back, K. and J. Chappell, "Identifying functional domains within terpene cyclases using a domain-swapping strategy," Proc. Natl. Acad. Sci. U.S.A. 93:6841-6845 (1996).
	BV	Bio-Rad Technical Bulletin #1687, "Biolistic Particle Delivery Systems," Bio-Rad Laboratories, Hercules, California, pp. 1-11 (February 9, 1996).
	BW	Bonlmann et al., "Terpenoid-based defenses in conifers: cDNA cloning, characterization, and functional expression of wound-inducible (E)-\alpha-bisabolene synthase from grand fir (Abies grandis)," Proc. Natl. Acad. Sci. U.S.A. 95:6756-6761 (1993).

Examiner Signature	Date Considered .					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in						
conformance and not considered. Include copy of this form with next communication to applicant.						

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Other Documents (include Author, Title, Date, and Place of Publication)			November 21, 2005 1038				
Design   Design   Design   Document   Design   Document   Design   Desig	(37 CFR §1.98	B(b))	Title D. ( ) and D. ( ) bligger of Dublication (				
Bix   Bustos et al., "Regulation of β-glucuronidase expression in transgenic tobacco plants by an A/T-rich, cis-acting sequence found upstream of a French bean β-phaseolin gene," Plant Cell 1:839-853 (1989).    BY   Callis et al., "Heat inducible expression of a chimeric maize hsp70CAT gene in maize protoplasts," Plant Physiol. 88:965-968 (1988).    BZ   Callis et al., "Introns increase gene expression in cultured maize cells," Genes Dev. 1:1183-1200 (1987).   CA   Cane et al., "Aristolochene biosynthesis and enzymatic cyclization of famesyl pyrophosphate," J. Am. Chem. Soc. 111:8914-8916 (1989).   CB   Cane et al., "Aristolochene biosynthesis and enzymatic cyclization of famesyl pyrophosphate," J. Am. Chem. Soc. 111:8914-8916 (1989).   CB   Cane et al., "Trichodiene biosynthesis and the stereochemistry of the enzymatic cyclization of famesyl pyrophosphate," Bioopg. Chem. 13:246-265 (1985).   CD   Cane et al., "Trichodiene synthase is and the stereochemistry of the enzymatic cyclization of famesyl pyrophosphate," Bioopg. Chem. 13:246-265 (1985).   CE   Cane et al., "Trichodiene synthase. Substrate specificity and inhibition," Biochem. 34:2471-2479 (1995).   CE   Cane et al., "Trichodiene synthase. Substrate specificity and inhibition," Biochem. 34:2471-2479 (1995).   CF   Cane, D., "Enzymatic formation of sesquiterpenes," Chem. Rev. 90:1089-1103 (1990).   CR   Capell J. and R. Nable, "Induction of sesquiterpenes," Chem. Rev. 90:1089-1103 (1990).   Chappell et al., "Elicitor-inducible 3-hydroxy-3-methylgituaryl coenzyme A reductase activity is required for sesquiterpene accumulation in tobacco cell suspension cultures," Plann Physiol. 97:693-698 (1991).   Chappell et al., "Isolation of an Arabidopsis thaliana gene encoding cycloartenol synthase by functional expression in a yeast mutant lacking lanosterol synthase by the use of a chromatographic screen," Proc. Natl. Acad. Sci. U.S.A. 90:11628-11632 (1993).   Croteau et al., "Irreversible inactivation of monoterpene cyclases by a mechanism-based inhibitor," Ar			ocuments (include Author, Title, Date, and Place of Publication)				
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List of Patents and Publications for Applicant's			Applicant Chappell et al.			
Information Disclosure Statement			Filing Date November 21, 2003	Group Art Unit 1638		
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	СТ	Gasser, C. and R. Fraley, "Genetically 1299 (1989).				
	CU	Gershenzon, J. and R. Croteau, in "Li Raton, Florida: CRC Press, pp. 340-3	388 (1993).			
	CV	Goeddel et al., "Synthesis of human f 4074 (1980).				
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	CZ	Jang, J. and J. Sheen, "Sugar sensing in higher plants," Plant Cell 6:1665-1679 (1994).				
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	DB	Kindle, K., "High-frequency nuclear transformation of <i>Chlamydomonas reinhardtii</i> ," Proc. Natl.				
····	DC	Kuhlemeier et al., "The pea <i>rbcS-3A</i> promoter mediates light responsiveness but not organ specificity." Plant Cell 1:471-478 (1989).				
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	DE	Lichtenstein, C. and S. Fuller, "Vectors for the genetic engineering of plants," in Genetic Engineering, vol. 6, Rigby P, ed., London, Academic Press, pp.103-183 (1987).				
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	DG	Marcotte et al., "Abscisic acid-responde (1989).	nsive sequences from the Em ge	ne of wheat," Plant Cell 1:969-		
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	DI	Noel, J. and M. Tsai, "Phospholipase	e A <sub>2</sub> engineering: design, synthes ell. Biochem. 40:309-320 (1989)	sis, and expression of a gene for		
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	DO	Rajaonarivony et al., "Characterization and mechanism of (4S)-limonene synthase, a monoterpene cyclase from the glandular trichomes of peppermint ( <i>Mentha x piperita</i> )," Arch. Biochem. Biophys. 296(1):49-57 (1992).			
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None.

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